

Fig. 5 Example graphics processor flow

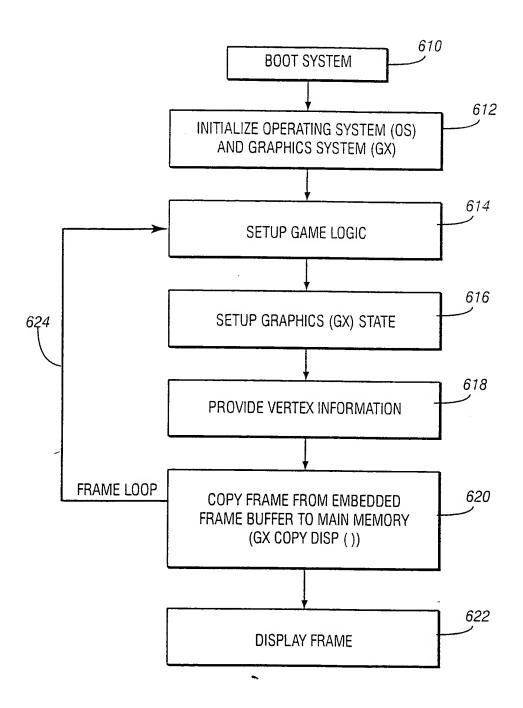
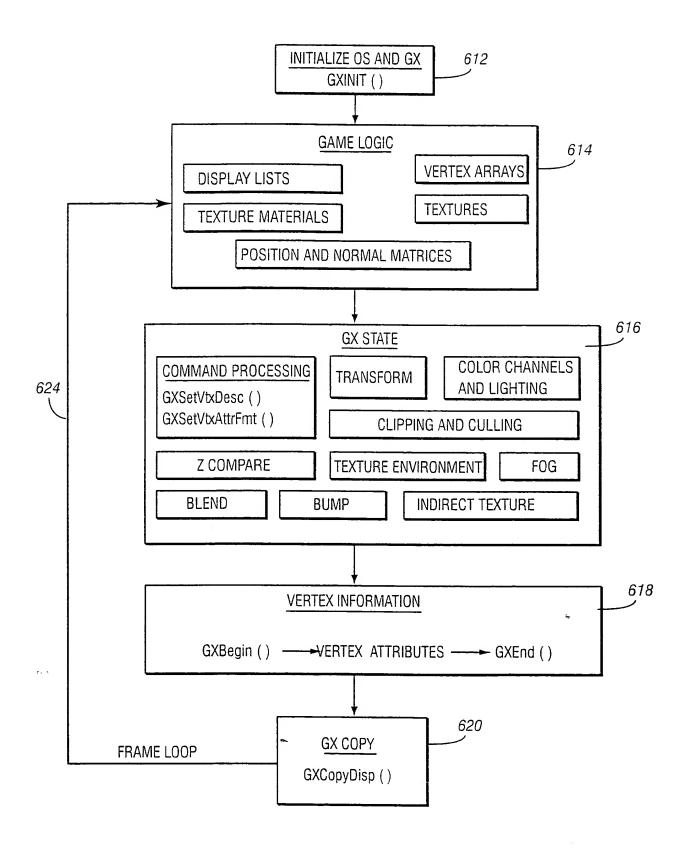
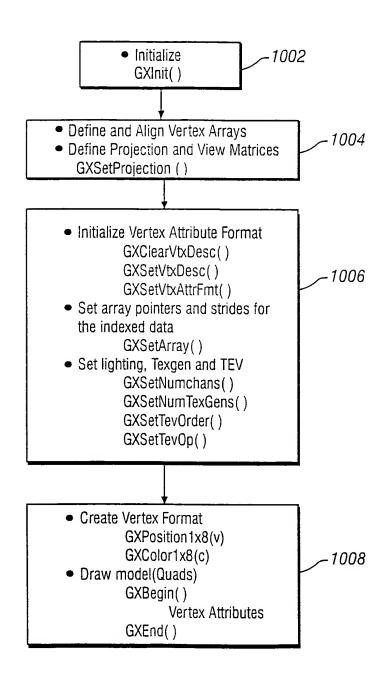


Fig. 6 EXAMPLE GRAPHICS PROSSING LOOP



EXAMPLE MORE DETAILED GRAPHIC PROCESSING LOOP

Fig. 7



EXAMPLE SIMPLE GRAPHIC APPLICATION

Fig. 8

EXAMPLE GX SET COPY CLEAR (BLACK, 0x00FFFFFF):

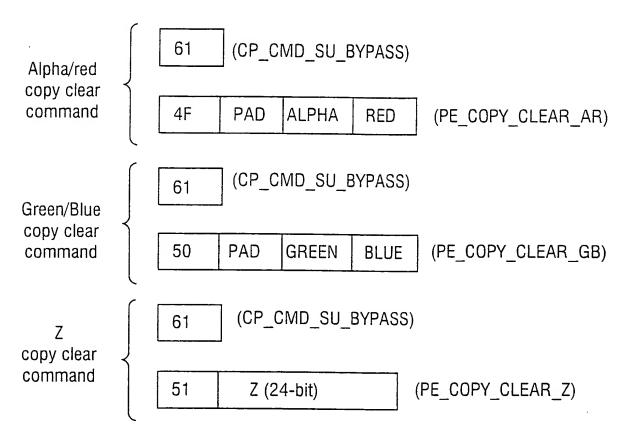


Fig. 9

Ovdf. conv. clast color at	23
unti. cupy_cical_cuiul_ai	alpha red
red and alpha compon	red and alpha component of the color value written to efb during a copy command.
(7:0) reg (15:8) àlpha	
Ox50: conv. clear color ob	23
ovoc. copy_cion_ga_ga_	green blue
red and alpha compon	red and alpha component of the color value written to efb during a copy command.
(7.9) blue (15:8) green	
Ox51; conv. clear. z	23
	7
23:0 z value written into the z efb	ito the z efb.

Fig. 9a EXAMPLE PIXEL ENGINE COPY CLEAR REGISTER FORMATS

EXAMPLE (VERTEX AND ATTRIBUTE DESCRIPTION)

Fig. 10

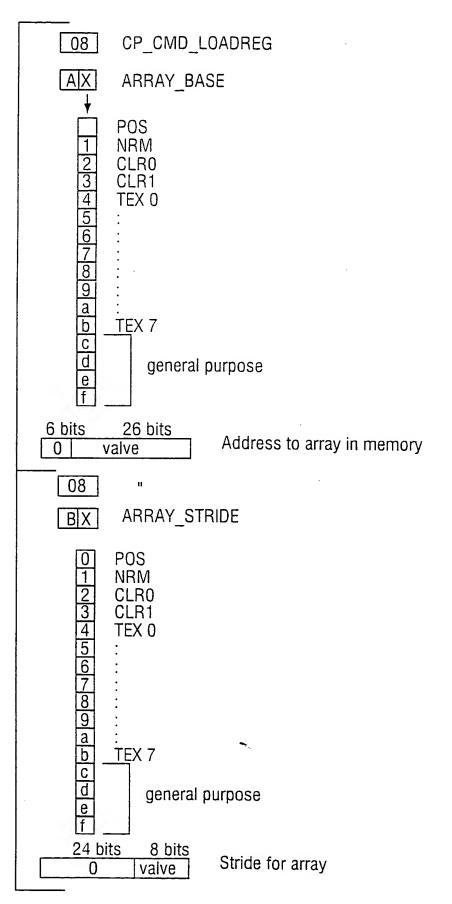
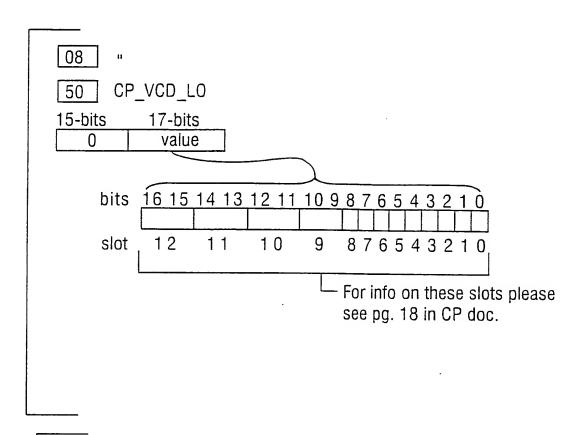


Fig. 11 GX SET ARRAY (GX ATTR, ATTR, VOID + BASE APTR, .8 STRIDE)



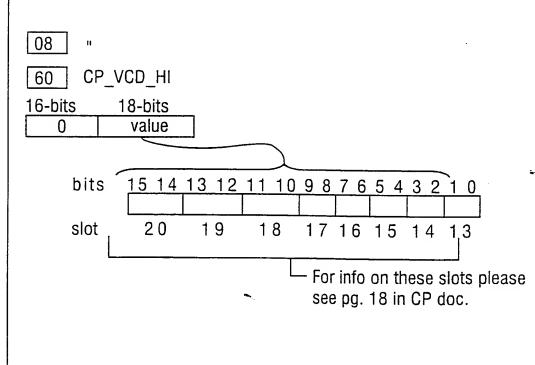


Fig. 12 GX SET VTX ATTR ATTR

GX SET VTX ATTR FMT(); 08 ıı 70 CP_VAT_A 32-bits value 16 15 . 13 12 . . 9 8 POS CLR₁ NRM 31.29. 21 20 . . 17 Tex 0 Coord CLR2 Byte Dequant Normal Index For detailed explainations of these bit fields, look at the table on pg. 19 & 20 of the CP doc. -Ignore the "Bit field" column. -Use the "Attribute name" column to look up the names in the fields above. 0.8 80 CP_VAT_B 32-bits value Tex 2 Coord

Tex 1 Coord

Tex 3 Coord

in the next 32-bit value....

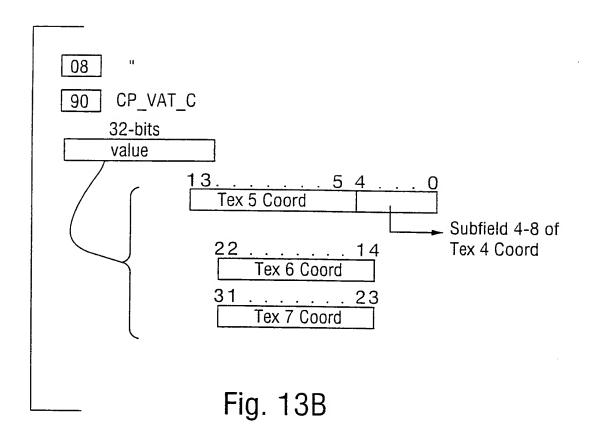
31 30 . . 27 26

Subfield 0-3 for

Tex 4 Coord the rest is contained

Fig. 13A

Not USBD



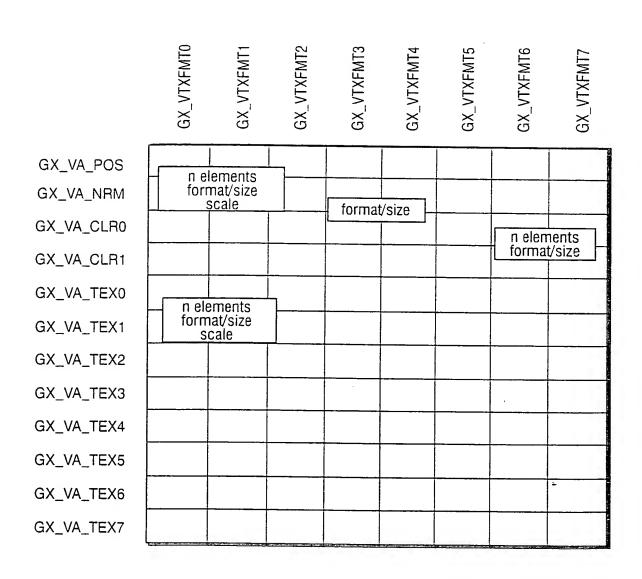
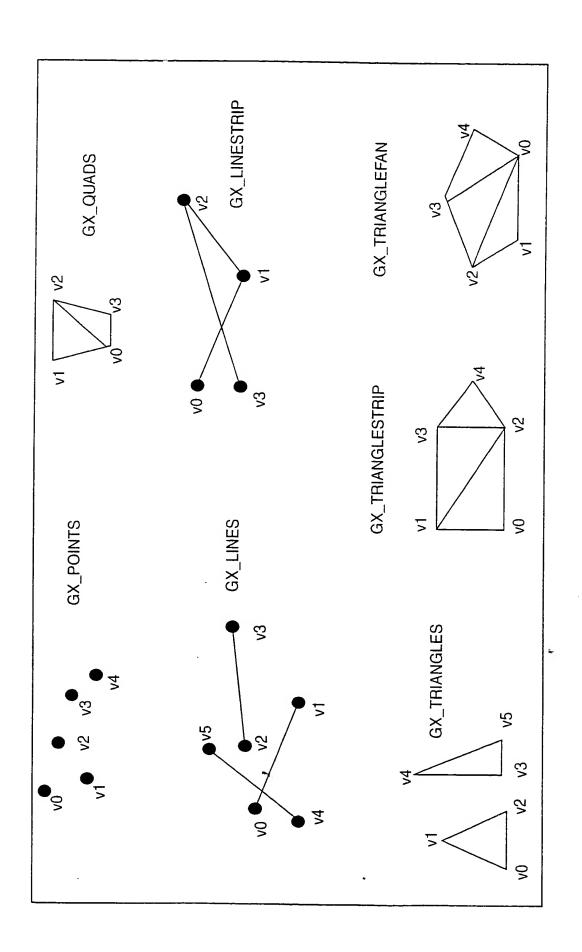


Fig. 14 (VERTEX ATTRIBUTE FORMAT TABLE)



g. 15 EXAMPLE (GRAPHICS PRIMITIVES)

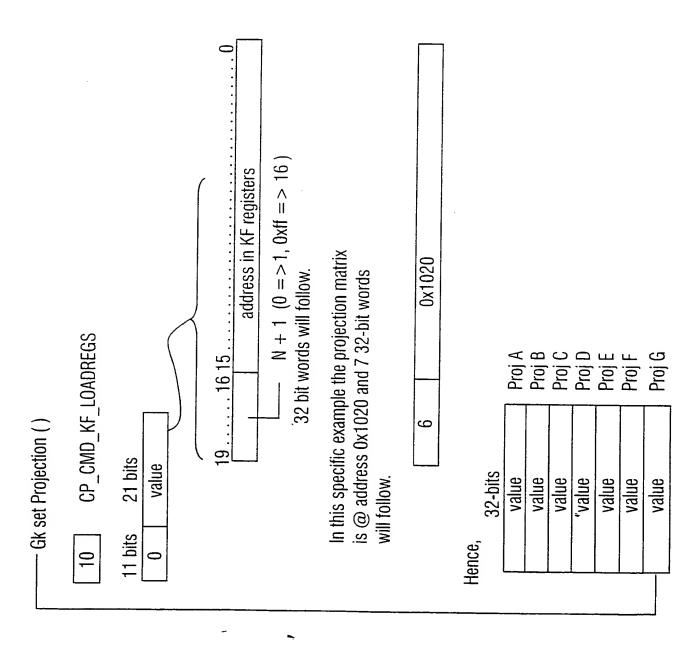


Fig. 16

GX Call Display List ()

40	CP_C	MD_CALL OBJECT
7 bits	25 bits value	address of display list in memory
7 bits	25 bits value	count (or size) of display list
	value	(32 byte chuncks)

Fig. 17

